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| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) |   | Application Number     | 10/749118-Conf. #3277       |
|   |   | Filing Date            | December 30, 2003           |
|   |   | First Named Inventor   | Richard L. BOYD             |
|   |   | Art Unit               | 1645                        |
|   |   | Examiner Name          | Not Yet Assigned            |
| Total Number of Pages in This Submission  | 3 | Attorney Docket Number | 0286336.00151US1/NOR-012CP2 |

| ENCLOSURES (Check all that apply)   |  |  |
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| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Supplemental Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Receipt Postcard |
| <div>Remarks</div>  |  |  |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |          |        |
|--|---|----------|--------|
| Firm Name                                  | WILMER CUTLER PICKERING HALE AND DORR LLP |          |        |
| Signature                                  |   |          |        |
| Printed name                               | Ann-Louise Kerner, Ph.D.                  |          |        |
| Date                                       | April 27, 2006                            | Reg. No. | 33,523 |

|   |                            |
|---|----------------------------|
| I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First-Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. |                            |
| Dated: April 27, 2006   | Signature:  (Sarah Farris) |

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Dated: April 27, 2006

Signature: *Sarah Farris*

(Sarah Farris)

Docket No.: 0286336.00151US1/NOR-012CP2  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Richard L. BOYD Confirmation No.: 3277  
Application No.: 10/749118 Art Unit: 1645  
Filed: December 30, 2003 Examiner: Not Yet Assigned  
Title: NORMALIZATION OF DEFECTIVE T CELL RESPONSIVENESS  
THROUGH MANIPULATION OF THYMIC REGENERATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)**

Dear Sir:

This Information Disclosure Statement is being filed prior to the mailing date of a first Office Action on the merits. No fee is required.

Applicant requests that the Examiner initial and return a copy of the enclosed Form PTO SB-08 with the next communication.

Respectfully submitted,

Dated: April 27, 2006

*Ann-Louise Kerner*

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| <b>Substitute for form 1449A/B/PTO</b><br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |   |    |   | <b>Complete if Known</b> |                           |
|   |   |    |   | Application Number       | 10/749118-Conf. #3277     |
|   |   |    |   | Filing Date              | December 30, 2003         |
|   |   |    |   | First Named Inventor     | Richard L. BOYD           |
|   |   |    |   | Art Unit                 | 1645                      |
|   |   |    |   | Examiner Name            | Not Yet Assigned          |
| Sheet   | 1 | of | 1 | Attorney Docket Number   | 286336.151 US1/NOR-012CP2 |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                       | AA*                      | US-6,248,329                             | 06-19-2001                     | Chandrashekar et al.                               |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                     |  |   |                |
|--------------------------|--------------------------|---|---------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) | MM-DD-YYYY          |  |   |                |
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| NON PATENT LITERATURE DOCUMENTS |                       |   |  |  |                |
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| Examiner Initials               | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. |  |  | T <sup>2</sup> |
|                                 | CA                    | Ellis, "New Technologies for Making Vaccines," Chapter 29 of "Vaccines", Plotkin et al., 1998, pp. 568-574.   |  |  |                |
|                                 | CB                    | Ezzell NIH Research, "Cancer 'Vaccines': An Idea Whose Time Has Come?" 1995, Vol. 7, pp. 46-49.   |  |  |                |
|                                 | CC                    | Feldman et al., "Anti-TNF $\infty$ Therapy is Useful in Rheumatoid Arthritis and Crohn's Disease: Analysis of the Mechanism of Action Predicts Utility in Other Diseases," Transplantation Proceeding, 1998, Vol. 30, pp. 4126-4127.                            |  |  |                |
|                                 | CD                    | Spitler, "Cancer Vaccines: The Interferon Analogy," Cancer Biotherapy, 1995, Vol. 10, pp. 1-3.  |  |  |                |

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| Examiner<br>Signature |  | Date<br>Considered |  |
|-----------------------|--|--------------------|--|